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C L A I M S

1. Lathe with pieces manipulating device, of the kind that includes at least a horizontal or vertical head (2), and at least a tool-bearing turret (13), including means for the manipulation of the pieces (3) to be
5 machined, in the incorporation and collection of the same, characterized in that on the upper part of the structure (1) of the machine bench at least a trolley (6) is situated, incorporated in assembly on some longitudinal guides (5), making up the mentioned trolley
10 (6) at least a manipulating device (7) for the handling of the pieces (3), in disposition of the mentioned manipulating device (7) in rotary or tilting assembly on a support (8), which is situated in vertical moving assembly respect to the trolley (6), while the trolley
15 (6) itself is incorporated in transverse moving assembly on a foundation (10), determining a mobility of the manipulating device (7) in all the senses.

2. Lathe with pieces manipulating device, according to the first claim, characterized in that the
20 manipulating device (7) includes two operative grips (7.1 and 7.2), which can be situated indistinctly, by means of tilting or rotation of the manipulating device (7), between an operative position to collect the pieces (3) of application and an empty waiting position or loading
25 position, holding a piece (3).

3. Lathe with pieces manipulating device, according to the first claim, characterized in that a tool-bearing turret (13) is situated on the same trolley
30 (6) holding the manipulating device (7), for the machining of the pieces (3).

4. Lathe with pieces manipulating device, according to the first claim, characterized in that the manipulating device (7) is incorporated individually on a
35 supporting trolley (6), having independently on the same

1 guiding means another trolley (14) incorporating a
tool-bearing turret (13) for the machining of the pieces
(3).

5 5. Lathe with pieces manipulating device,
according to the first claim, characterized in that on
the same trolley (6) some guiding means which carry the
manipulating device (7) and on which moreover a
tool-bearing turret (13) can be situated, can have
10 incorporated in an independent way at least another
independent trolley (14) carrying an accessory
tool-bearing trolley (14) for the machining of the pieces
(3).

15 6. Lathe with pieces manipulating device,
according to the first claim, characterized in that the
head (2) is situated fixedly on the structure (1), being
able to activate the actuation of the rotary plate of the
mentioned head (2) by means incorporated in the head (2)
itself, or from independent activation means (15), with a
transmission (16) till the head (2).

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